

# Nagaraj Kerur

## List of Publications by Year in descending order

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17  
papers

1,583  
citations

567281

15  
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996975

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g-index

17  
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17  
docs citations

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times ranked

2068  
citing authors

#	ARTICLE	IF	CITATIONS
1	DICER1 Loss and Alu RNA Induce Age-Related Macular Degeneration via the NLRP3 Inflammasome and MyD88. <i>Cell</i> , 2012, 149, 847-859.	28.9	526
2	cGAS drives noncanonical-inflammasome activation in age-related macular degeneration. <i>Nature Medicine</i> , 2018, 24, 50-61.	30.7	205
3	Nucleoside reverse transcriptase inhibitors possess intrinsic anti-inflammatory activity. <i>Science</i> , 2014, 346, 1000-1003.	12.6	189
4	TLR-Independent and P2X7-Dependent Signaling Mediate Alu RNA-Induced NLRP3 Inflammasome Activation in Geographic Atrophy. , 2013, 54, 7395.		138
5	Emerging Nano-Formulations and Nanomedicines Applications for Ocular Drug Delivery. <i>Nanomaterials</i> , 2021, 11, 173.	4.1	88
6	DICER1/ Alu RNA dysmetabolism induces Caspase-8-mediated cell death in age-related macular degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16082-16087.	7.1	79
7	Iron Toxicity in the Retina Requires Alu RNA and the NLRP3 Inflammasome. <i>Cell Reports</i> , 2015, 11, 1686-1693.	6.4	78
8	IL-18 is not therapeutic for neovascular age-related macular degeneration. <i>Nature Medicine</i> , 2014, 20, 1372-1375.	30.7	37
9	Cytoplasmic synthesis of endogenous Alu complementary DNA via reverse transcription and implications in age-related macular degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	36
10	Repurposing anti-inflammasome NRTIs for improving insulin sensitivity and reducing type 2 diabetes development. <i>Nature Communications</i> , 2020, 11, 4737.	12.8	31
11	Human IgG1 antibodies suppress angiogenesis in a target-independent manner. <i>Signal Transduction and Targeted Therapy</i> , 2016, 1, .	17.1	30
12	A non-canonical, interferon-independent signaling activity of cGAMP triggers DNA damage response signaling. <i>Nature Communications</i> , 2021, 12, 6207.	12.8	30
13	Chronic Dicer1 deficiency promotes atrophic and neovascular outer retinal pathologies in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2579-2587.	7.1	28
14	DDX17 is an essential mediator of sterile NLRC4 inflammasome activation by retrotransposon RNAs. <i>Science Immunology</i> , 2021, 6, eabi4493.	11.9	24
15	Intravenous immune globulin suppresses angiogenesis in mice and humans. <i>Signal Transduction and Targeted Therapy</i> , 2016, 1, .	17.1	23
16	Alu complementary DNA is enriched in atrophic macular degeneration and triggers retinal pigmented epithelium toxicity via cytosolic innate immunity. <i>Science Advances</i> , 2021, 7, eabj3658.	10.3	23
17	RF/6A Chorioretinal Cells Do Not Display Key Endothelial Phenotypes. , 2018, 59, 5795.		18